Pham, Thomas
_____

From: STIC-EIC2100@uspto.gov
Sent: Thursday, July 26, 2007 10:54 AM
To: Pham, Thomas
Subject: Database Search Request Confirmation, Serial Number: 09/828,904

Examiner THOMAS PHAM:

This is a machine-generated confirmation email to let you know that your search request has been sent to EIC TC2100.

Searches are processed in the order in which they are received. Upon receiving your request, a searcher will contact you to discuss your search. You will be notified again when your search is completed. At that time, you may pick up your search in the EIC. If you prefer, the search will be delivered directly to your office. Deliveries are made twice a day, once in the midmorning and again in the afternoon.

If you have any immediate questions you can contact us at 571-272-4225.

Thank you very much for using the EIC. The text of your request is below.

Your name: **THOMAS PHAM**
Email address: **THOMAS.PHAM@USPTO.GOV**
Employee number: **79591**
Art Unit: **GROUP ART UNIT 2121**
Office Location: **RND 05A11**
Phone Number: **(571)272-3689**
Mailbox Number:

Case serial number: **09/828,904**
Class / Subclass(es): **709/227**
Earliest Priority Filing Date: **04/10/2001**
Format preferred for results: **E-mail**
Search Topic Information:
    Please search the following and focus on the last limitation: A way to contact users by first receiving and processing electronic information of the users who had just terminated online sessions (i.e. phone numbers) in order to call them; wherein the step of processing includes a determination of the time interval since an online session was completed.
Special Instructions and Other Comments:
    OFFICE: 2-3689 M-F: 9-5

```
File 348:EUROPEAN PATENTS 1978-2007/ 200731
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070726UT=20070719
        (c) 2007 WIPO/Thomson

Set     Items    Description
S1      14116    LOGOFF? OR LOGOUT? OR (LOG OR LOGS OR LOGGED OR LOGGING OR
                 SIGN OR SIGNS OR SIGNED OR SIGNING)(1W)(OFF OR OFFS OR OUT OR
                 OUTS)
S2      29392    OFFLINE OR OFF()LINE? ?
S3      54374    SESSION?
S4      12258    S3(5N)(END OR ENDS OR ENDED OR ENDING OR COMPLET??? OR TER-
                 MINAT? OR FINISH? OR CONCLUD? OR CONCLUS? OR DONE)
S5       1814    S3(5N)(DISCONNECT? OR UNCONNECT? OR HALT??? OR STOP???? OR
                 CEAS??? OR CESSATION? OR DISCONTINU?)
S6    1744791    TIME OR TIMES OR MINUTE? ? OR INTERVAL? ? OR PERIOD? ? OR -
                 DURATION? OR CLOCKTIME? OR TIMEFRAME? OR TIMESPAN?
S7     338241    S6(5N)(CALCULAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR CO-
                 MPUTED OR COMPUTING OR DETERMIN? OR DET? ? OR MEASUR??? OR ME-
                 ASUREMENT? OR ASSESS?)
S8     203542    S6(5N)(APPRAIS? OR ANALYS? OR ANALYZ? OR ANALYT? OR DERIV?-
                 ?? OR DERIVATION? OR EVALUAT? OR GENERAT???? OR QUANTIFY? OR -
                 QUANTIFIE? ? OR QUANTIFICATION?)
S9       3022    S6(5N)(COMPILE OR COMPILES OR COMPILED OR COMPILING)
S10    163058    S6(5N)(QUANTITATIVE? OR TABULAT? OR COUNTER? ? OR TOTAL????
                 OR CAPTUR??? OR ASCERTAIN? OR CUMULAT? OR ACCUMULAT? OR METE-
                 R? ? OR METRE?)
S11    206523    S6(5N)(COUNT? ? OR COUNTED OR COUNTING OR DETERMIN???)
S12       723    TIMEKEEP?
S13    197204    S6(5N)(KEEP??? OR STORAGE OR STORE? ? OR STORING OR MEMORY?
                 OR ACCRU??? OR AMASS??? OR RETAIN??? OR RETENTION? ?)
S14    122647    S6(5N)(COLLECT???? OR PRESERV??? OR PRESERVATION? ? OR WAR-
                 EHOUS? OR STOREHOUS? OR WARE()HOUS??? OR AMASS??? OR RECORD??-
                 ?)
S15     45715    S6(5N)(ACQUIR??? OR ACQUISITION? ? OR KEPT)
S16   1340694    CALL??? OR CONTACT??? OR PHONECALL? OR TELEPHONE? ? OR TEL-
                 EPHONING OR TELEPHONECALL? OR PHONE? ? OR PHONING
S17    113681    S16(5N)(USER? ? OR CUSTOMER? OR PERSON? ? OR INDIVIDUAL? ?
                 OR CONSUMER? ? OR PATRON? ? OR CLIENT? ? OR SUBSCRIBER? ? OR -
                 ENTITY OR NETIZEN? OR SURFER? ?)
S18     91948    S16(5N)(PARTICIPANT? ? OR MEMBER? ? OR AFFILIATE? ? OR PAR-
                 TY OR PARTIES OR CONSTITUENT? ? OR COMPUTERUSER?)
S19      3212    (S1:S2 OR S4:S5)(20N)S7:S15
S20        89    S19(50N)S17:S18
S21        37    S20 AND AC=US/PR AND AY=(1963:2001)/PR
S22        37    S20 AND AC=US AND AY=1963:2001
S23        37    S20 AND AC=US AND AY=(1963:2001)/PR
S24        37    S20 AND PY=1963:2001
S25        45    S21:S24
S26        45    IDPAT (sorted in duplicate/non-duplicate order)
S27        45    IDPAT (primary/non-duplicate records only)
S28       474    (S1:S2 OR S4:S5)(20N)TIMER? ?
S29        22    S28(50N)S17:S18
S30        19    S29 NOT S20
? t27/5,k/9,14,21,24,38,40,45

 27/5,K/9       (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

00901978
COMPUTER NETWORK AND METHOD FOR DETERMINING USER BEHAVIOUR
COMPUTERNETZWERK UND VERFAHREN ZUR BESTUIMMUNG DES BENUTZERVERHALTEN
METHODE  ET  RESEAU  INFORMATIQUES PERMETTANT DE DETERMINER LE COMPORTEMENT
```

AND ISDN SYSTEMS, vol. 28, no. 1-2, December 1995, pages 53-59,
   XP004001210
   J.E. DONNELLEY: "WWW media distribution via Hopwise Reliable Multicast"
   COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 27, no. 6, April 1995, pages
   781-788, XP004013180
   R. JONES: "Digital's World-Wide Web server: A case study" COMPUTER
   NETWORKS AND ISDN SYSTEMS, vol. 27, no. 2, November 1994, pages
   297-306, XP004038001
   M. BETTS: "Sentry cuts access to naughty bits" COMPUTERS AND SECURITY,
   vol. 14, no. 7, 1995, page 615 XP004000204;
NOTE:
   No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
   Examination: 030507 A2 Date of dispatch of the first examination
                                 report: 20030325
   Application: 980204 A2 International application (Art. 158(1))
   Change: 060628 B1 Title of invention (French) changed: 20060628
   Change: 060628 B1 Title of invention (English) changed: 20060628
   Change: 060628 B1 Title of invention (German) changed: 20060628
   Change: 060531 B1 Title of invention (French) changed: 20060531
   Change: 060531 B1 Title of invention (English) changed: 20060531
   Change: 060531 B1 Title of invention (German) changed: 20060531
   Change: 060329 B1 Title of invention (French) changed: 20060329
   Change: 060329 B1 Title of invention (English) changed: 20060329
   Change: 060329 B1 Title of invention (German) changed: 20060329
   Lapse: 051214 B1 Date of lapse of European Patent in a
                                 contracting state (Country, date): SE
                                 20050922,
   Assignee: 030910 A2 Transfer of rights to new applicant: Be Free,
                                 Inc. (2422721) Suite 1, 248 Franklin Street
                                 Cambridge, MA 02139 US
   Grant: 050622 B1 Granted patent
   Lapse: 051228 B1 Date of lapse of European Patent in a
                                 contracting state (Country, date): SE
                                 20050922, FI 20050622,
   Change: 060405 B1 Title of invention (German) changed: 20060405
   Change: 060405 B1 Title of invention (English) changed: 20060405
   Change: 060405 B1 Title of invention (French) changed: 20060405
   Change: 060614 B1 Title of invention (German) changed: 20060614
   Change: 060614 B1 Title of invention (English) changed: 20060614
   Change: 060614 B1 Title of invention (French) changed: 20060614
   Application: 990210 A2 Published application (A1with Search Report
                                 ;A2without Search Report)
   Examination: 990210 A2 Date of filing of request for examination:
                                 981029
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English)   200525   1905
      CLAIMS B   (German)   200525   1785
      CLAIMS B   (French)   200525   2031
      SPEC B   (English)   200525   16788
Total word count - document A   0
Total word count - document B   22509
Total word count - documents A + B   22509

...SPECIFICATION 3e-3g.
   Each time a user logs on to program 31, User Session Object 37d
   records the starting date and time and ending date and time of the
   session . User Session Object 37d also records (a) the referring link
   from which the user accessed...

...program 31), (b) the user's identification number (e.g., as stored in a
   so called "cookie" passed by the user 's computer upon logging in),

and (c) an indication of Web browser software employed by...

27/5,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00258821
Portable medium.
Tragbarer Datentrager.
Support de donnees portatif.
PATENT ASSIGNEE:
  KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
    Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
    DE;FR;GB)
INVENTOR:
  Nara, Seietsu c/o Patent Division, Kabushiki Kaisha Toshiba 1-1 Shibaura
    1-chome, Minato-ku Tokyo 105, (JP)
  Hirokawa, Katsuhisa c/o Patent Division, Kabushiki Kaisha Toshiba 1-1
    Shibaura 1-chome, Minato-ku Tokyo 105, (JP)
  Kobayashi, Kenichi c/o Patent Division, Kabushiki Kaisha Toshiba 1-1
    Shibaura 1-chome, Minato-ku Tokyo 105, (JP)
LEGAL REPRESENTATIVE:
  Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, W-8000 Munchen
    80, (DE)
PATENT (CC, No, Kind, Date):   EP 257648   A2   880302 (Basic)
                               EP 257648   A3   890531
                               EP 257648   B1   920715
APPLICATION (CC, No, Date):   EP 87112488 870827;
PRIORITY (CC, No, Date): JP 86203358 860829; JP 86203360 860829
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): G07F-007/08; G06K-019/06; G04G-001/00;
CITED PATENTS (EP A): EP 167044 A; US 3806874 A; US 4320387 A; EP 174016 A

ABSTRACT EP 257648 A2
    An IC card (10), as a portable medium, has an oscillator (34) for
generating a low-frequency clock signal for timepiece. A display clock
(103) for display is provided for counting the clock signal. The time
based on a count carried out by the display clock (103) is displayed on
the IC card (10) a display section (13). In this case, the count of the
display clock (103) can be changed, as appropriate, by using keys on the
keyboard (12) provided on the IC card (10). The IC card (10) also
incorporates a transaction clock (102) for counting the clock signal. The
count carried out by this transaction clock (102) is used to indicate the
standard time. A count carried out by the transaction clock (102) cannot
be altered by use of the keys of the keyboard (12). The clock for time
display may be the transaction clock (102) allowing an access of the
keyboard (12). The time for setting a term of validity and the key for
encoding may be provided by the transaction clock (102) rejecting an
access by the keyboard (12) and providing the time equal to that of other
cards.
ABSTRACT WORD COUNT: 197

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 880302 A2 Published application (A1with Search Report
                             ;A2without Search Report)
  Examination: 880302 A2 Date of filing of request for examination:
                             870924
  Search Report: 890531 A3 Separate publication of the European or
                             International search report
  Examination: 910206 A2 Date of despatch of first examination report:
                             901220
  Grant: 920715 B1 Granted patent
  Oppn None: 930707 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
        CLAIMS B   (English)   EPBBF1   2118
        CLAIMS B   (German)   EPBBF1   840
        CLAIMS B   (French)   EPBBF1   1313
        SPEC B   (English)   EPBBF1   6552
Total word count - document A   0
Total word count - document B   10823
Total word count - documents A + B   10823

...SPECIFICATION The functions or operation modes of the IC card are, for
example, an on-line function used in connection with the terminal
devices, an off - line function used when the IC card is used
independently, not in connection with other devices, and a stand-by mode
in which the IC cards counts   time alone.
    The off - line function contains many modes; a calculator mode, a
time display mode for presenting time data to users , a time change
mode for changing time when it is needed, an electronic pocketbook mode
for...

 27/5,K/21   (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01007482   **Image available**
METHOD AND PACKET SWITCHED COMMUNICATION NETWORK WITH ENHANCED SESSION
    ESTABLISHMENT
PROCEDE   ET RESEAU DE COMMUNICATION A COMMUTATION PAR PAQUETS AVEC
    ETABLISSEMENT DE SESSION AMELIORE
Patent Applicant/Assignee:
  NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence),
    FI (Nationality)
  NOKIA INC, 6000 Connection Drive, Irving, TX 75039, US, US (Residence),
    US (Nationality), (Designated only for: LC)
Inventor(s):
  ISOMAKI Markus, Ajurinkatu 3B 43, FIN-02600 Espoo, FI,
Legal Representative:
  STOUT Donald E (et al) (agent), Antonelli, Terry, Stout & Kraus, LLP,
    Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200336843 A2-A3 20030501 (WO 0336843)
  Application: WO 2002IB4409 20021023 (PCT/WO IB0204409)
  Priority Application: US 2001983152 20011023
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-012/56
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 3440

English Abstract
  The present invention is a method and a system for session establishment
  , in a packet switched communication network. (10) The network having
  establishment control entity where information is processed for
  transmission from a caller user equipment(13) to a callee user
  equipment(14) .During session esatblishment removing from the
  information to be transmitted, information that would slow the session
  establishment, storing the removed information and completing session
  establishment .

Legal Status (Type, Date, Text)
Publication   20030501 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20031016 Late publication of international search report
Republication 20031016 A3 With international search report.
Examination   20031113 Request for preliminary examination prior to end of
                         19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
...   2 of the callee 14 of the storage 16 or
  the CSCF or PCSCF 12 determining a time , after session
  establishment is
   completed based upon the receipt of the 200 OK to the INVITE message
  being received, to by the user equipment #2 of the callee 14, a 200
  OK message is sent back to the CSCF or PCSCF 12 that...

 27/5,K/24   (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00837962   **Image available**
SYSTEM AND METHOD FOR ADVERTISING WITH AN INTERNET VOICE PORTAL
SYSTEME ET PROCEDE DE PUBLICITE DOTE D'UN PORTAIL VOCAL INTERNET
Patent Applicant/Assignee:
  QUACK COM, 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089, US, US
    (Residence), US (Nationality)
Inventor(s):
  VOISIN Craig Douglas, 651 Franklin Street, Apt. 4211, Mountain View, CA
    94041, US,
  ARMSTRONG Matthew Nelson, 175 Bluxome Street, Apt. 104, San Francisco, CA
    94107, US,
  CARRIERE Steven Jeromy, 651 Franklin Street, Apt. 4302, Mountain View, CA
    94041, US,
  WOODS Steven Gregory, 900 High School Way, Apt. 2320, Mountain View, CA
    94041, US,
  QUILICI Alexander E, 1044 9th Street, Suite #5, Santa Monica, CA 90403,
    US,
Legal Representative:
  GLENN Michael A (et al) (agent), Glenn Patent Group, 3475 Edison Way,
    Suite L, Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200171609 A2 20010927 (WO 0171609)
  Application: WO 2001US8470 20010316 (PCT/WO US0108470)
  Priority Application: US 2000531951 20000321
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT TZ UA UG UZ VN YU ZA ZW
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
    (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
    (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 26521
English Abstract

Legal Status (Type, Date, Text)
Publication   20010927 A2 without international search report and to be
                       republished upon receipt of that report.
Declaration   20020131 Late publication under Article 17.2a
Republication 20020131 A2 with declaration under Article 17(2)(a); without
                       abstract; title not checked by the International
                       Searching Authority.
Examination   20020822 Request for preliminary examination prior to end of
                       19th month from priority date

Patent and Priority Information (Country, Number, Date):
  Patent: ... 20010927
Fulltext Availability:
  Detailed Description
Publication Year: 2001

Detailed Description
... objects to determine what was the last session on that platform (in
  case a user terminated the session and would like to reconnect at
  that specific time).

  A Phone Session block 408 records information relating to a
  communication session where a telephone is used to communicate with
  portal...

...the type of interface platform (e.g., WNVW, WAP, ASR), and previous
  levels visited. Advantageously, Phone Session block 408 allows the
  user to rejoin a session where he or she left off in a previous session
  or...

 27/5,K/38   (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

00762407   **Image available**
SYSTEM AND METHOD FOR MONITORING USER INTERACTION WITH WEB PAGES
SYSTEME ET METHODE DE SURVEILLANCE D'INTERACTION UTILISATEUR AVEC DES PAGES
    WEB
Patent Applicant/Assignee:
  KEYLIME SOFTWARE, Suite 260, 12760 High Bluff Drive, San Diego, CA 92130,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  THOMAS Oran M, 3603 Corte Castillo, Carlsbad, CA 92009, US, US
    (Residence), US (Nationality), (Designated only for: US)
  GORMAN Robert F, 2938 Corte Pedro, Carlsbad, CA 92009, US, US (Residence)
    , US (Nationality), (Designated only for: US)

BEAL Steven K, 2075 Oxford Avenue, Cardiff, CA 92007, US, US (Residence),
    US (Nationality), (Designated only for: US)
WILSON Steve, 7108 Pintail Drive, Carlsbad, CA 92009, US, US (Residence),
    US (Nationality), (Designated only for: US)
Legal Representative:
  ZIMMER Kevin J, Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto
    Square, Palo Alto, CA 94306-2155, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200075814 A1 20001214 (WO 0075814)
  Application: WO 2000US15299 20000602 (PCT/WO US0015299)
  Priority Application: US 99137788 19990603; US 99139915 19990617
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
  TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 49601
English Abstract

A system for monitoring usage of an electronic device is disclosed
herein. A client component installed in a client device is operative to
monitor usage of the client device in accordance with a monitoring
profile, and to generate corresponding usage data. The monitoring profile
typically includes information specifying which application programs, and
which features of such application programs, installed on the client
device are to be monitored by the client component. A server component,
installed on a server device in communication with the client device,
provides the monitoring profile to the client device and receives the
usage data from the client device. The system may also include a data
management component disposed to store the monitoring profile and to
store the usage data provided to the server device. A data analysis
component determines usage statistics associated with application
programs installed on the client device based upon the usage data. The
usage statistics may include measurements of usage time, number of uses,
and sequence of usage of specified ones of the application programs.

Legal Status (Type, Date, Text)
Publication   20001214 A1 With international search report.
Publication   20001214 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of receipt of amendments.
Examination   20010503 Request for preliminary examination prior to end of
                          19th month from priority date

Patent and Priority Information (Country, Number, Date):
  Patent: ... 20001214
Fulltext Availability:
  Detailed Description
Publication Year: 2000

Detailed Description
... stop
  reporting data ready for transport.

Note that if a user on any client machine **logs** off during the **time** that
data collection has been suspended there is no need for the
corresponding ResumeDataCollection(notification, and none will...

...The client service 50 will handle all future user logins in the normal
fashion.

ResumeDataCollection(**Called** to inform the **client** service 50 that its
clients should resume
data collection. That is, once again its clients...

 27/5,K/40   (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00474492   **Image available**
FRAUD MONITORING SYSTEM
SYSTEME DE CONTROLE DES FRAUDES
Patent Applicant/Assignee:
  BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
  EDWARDS Alexander Fraser Miles,
Inventor(s):
  EDWARDS Alexander Fraser Miles,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9905844 A1 19990204
  Application: WO 98GB2078 19980715 (PCT/WO GB9802078)
  Priority Application: GB 9715497 19970722
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
  HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
  GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
  FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
  TD TG
Main International Patent Class (v7): H04M-003/36
International Patent Class (v7): H04M-015/00
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5961

English Abstract
  In order to detect fraudulent or potentially fraudulent usage of a
  telecommunications network, each call connected by way of one of the
  digital main switching units of the network (3a to 3c) has an associated
  billing record transferred to a fraud management system (4). The fraud
  management system compares the origin and destination of the call with a
  known usage pattern for the originator and, if other indications are that
  the call is of a fraudulent nature, and the call deviates from the known
  usage pattern an alarm can be forwarded to an operator. The user profile
  used to determine normal calling behaviour is updated over a period of
  time in respect of calls determined as not fraudulent. An initial user
  profile may be generated from historic billing records.

Patent and Priority Information (Country, Number, Date):
  Patent: ... 19990204
Fulltext Availability:
  Detailed Description

Publication Year: 1999

Detailed Description
... carrying this out on line as illustrated in Figure 3, a
telecommunications operator can utilize stored call records for a
period of time in order to form a user profile ' off line '.

Alternatively, unexpected user profiles can be generated based on the
expected calling behaviour of the user . This technique may be used
for instance where there is a new user with no historical call
information.

It can be seen from Figure 2 that the profile can be constantly updated
...

 27/5,K/45   (Item 45 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00106900
AUTOMATIC CALLING METHODS AND APPARATUS
APPAREIL ET PROCEDES D'APPEL AUTOMATIQUE
Patent Applicant/Assignee:
  JAYEM DIALER CORP,
Inventor(s):
  SAMUEL R,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 8102823 A1 19811001
  Application: WO 81US324 19810317 (PCT/WO US8100324)
  Priority Application: US 80134951 19800328
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AU DE GB JP AT CH DE FR GB LU NL SE
Main International Patent Class (v7): H04M-001/27
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 32026

English Abstract
  Automatic dialing apparatus for one or more telephone lines within a
  subscriber's system. Any telephone handset (1A-1N) connectable to a
  serviced telephone line (2) may enter a code at the handset to cause the
  automatic dialing apparatus to initiate dialing of a predetermined
  telephone number or a remaining portion thereof. When the dialed
  telephone number is an access code for a private leased line system, the
  automatic dialer may also generate the subscriber's billing code. The
  automatic dialer preferably sends multi-frequency dialing signals
  regardless of the type of dial associated with the subscriber's sets. A
  plurality of telephone lines can be serviced with a single dialer. User
  access codes may take the form of a portion of the predetermined
  telephone number or may comprise signals other than normal dialing
  signals which are transparent to the telephone line (2) in that no loss
  of dial tone occurs.

Patent and Priority Information (Country, Number, Date):
  Patent: ... 19811001
Fulltext Availability:
  Detailed Description
Publication Year: 1981

Detailed Description
... circular flag 192, occurs. Under these conditions too, the
monitor routine will now ignore the off - line condition as
sociated with the line for which the interval timer was set
upon a determination that the interval timer flag is
present as the system assumes that, when the ready tone is
ignored by a user , the automatic calling system is not be
be employed.

   If the test for the value flag indicated by...
? t30/5,k/8,11,16

 30/5,K/8   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01363761   **Image available**
DELAY TIMERS FOR MANAGING INTERNAL STATE CHANGES AND MESSAGES IN USER
     EQUIPMENT FOR REAL-TIME MULTIMEDIA APPLICATIONS
RETARDATEURS POUR GESTION DE MODIFICATIONS D'ETATS INTERNES ET DE MESSAGES
     DANS DES EQUIPEMENTS UTILISATEUR POUR APPLICATIONS MULTIMEDIA EN TEMPS
     REEL
Patent Applicant/Assignee:
   SONIM TECHNOLOGIES INC, 1875 S. Grant Street, San Mateo, California 94402
      , US, US (Residence), US (Nationality), (For all designated states
      except: US)
Patent Applicant/Inventor:
 · HUANG Henry, 1250 Colonial Oaks Drive, -, Los Altos, California 94024, US
      , US (Residence), US (Nationality),
Legal Representative:
   ASHBY David C (agent), PO Box 700640, IPSG PC, San Jose, California 95170
      , US
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200647280 A2-A3 20060504 (WO 0647280)
   Application: WO 2005US37873 20051019 (PCT/WO US2005037873)
   Priority·Application: US 2004621108 20041022; US 200421831 20041224; US
      200421987 20041224
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
   AE AG AL AM.AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
   DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
   LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH
   PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT .TZ UA·UG US UZ VC VN
   YU ZA ZM ZW
   (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
   PL PT RO SE SI SK TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM

International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
   H04Q-0007/00   A I F B 20060101   H US
Publication Language: English
Filing Language: English
Fulltext Availability:
   Detailed Description
   Claims
Fulltext Word Count: 4648

English Abstract
   Timers (32, 26 and 38) in push-to-talk (PTT) enabled client devices (10)
   are used to regulate packet traffic to and from the client device (10).

In one embodiment, during a real-time multimedia session, a suspend timer
is activated during data communication channel suspension. The session is
held until suspend timer (32) times out. If the data communication
channel is restored before the suspend timer times out, the session is
not reset, and the user is still able to continue the session with little
noticeable loss of service. If the suspend timer (32) times out, and the
data communication channel has not been restored, then the session is
terminated.

Legal Status (Type, Date, Text)
Publication   20060504 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20061116 Late publication of international search report
Republication 20061116 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... application-layer control (signaling) protocol for creating,
  modifying, and terminating sessions with one or more participants .
  These sessions include Internet telephone   calls , multimedia
  distribution, and multimedia conferences.

  SUMMARY
  [00081 The present invention advantageously provides on a wireless...
...time multimedia session using SIP.

  100091 In an exemplary embodiment of the invention, a Suspend Timer
  regulates the session during data communication channel termination .
  After data communication channel termination, the Suspend Timer is
  activated. The session is held until Suspend Timer times out. If the
  data communication channel is restored before the Suspend Timer times out
  ...

 30/5,K/11   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01060452   **Image available**
PARTICIPANT LISTS AND TIMERS IN A SESSION OF A DISPATCH CALL
LISTES DE PARTICIPANTS ET TEMPORISATEURS UTILISES DANS UNE SESSION DE
    REPARTITION D'APPELS
Patent Applicant/Assignee:
  MOTOROLA INC, 1303 East Algonquin Road, Schaumburg, IL 60196, US, US
    (Residence), US (Nationality)
Inventor(s):
  DORENBOSCH Jheroen, 594 CR 3585, Paradise, TX 76073, US,
Legal Representative:
  JACOBS Jeffrey K (et al) (agent), MOTOROLA, INC., Intellectual Property
    Dept., 1303 East Algonquin Road, Schaumburg, IL 60196, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200390489 A1 20031030 (WO 0390489)
  Application: WO 2003US7652 20030312   (PCT/WO US0307652)
  Priority Application: US 2002122779 20020415
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
  SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04Q-007/28
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5039

English Abstract
  In addition to a hang timer (405), a second timer (403) (session timer)
  is introduced. A base station (101, 102) monitors a dispatch call, and if
  there exists no activity for a period of time greater than the hang-timer
  threshold, the base station (101, 102) will drop the over-the-air
  channels broadcasting the call to the remote units (113-118). All active
  participants to the call will be maintained until the session timer
  expires. Once the session timer expires, the talk-group participants will
  be reset to their original members.

Legal Status (Type, Date, Text)
Publication   20031030 A1 with international search report.
Examination   20031211 Request for preliminary examination prior to end of
                        19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... order to solve this problem, in the preferred embodiment of the
  present invention a second timer (session timer) is introduced in
  addition to the hang timer. In addition to the second timer, a second
  bookkeeping is done for the call membership (session participant
  list) in addition to keeping track of the original group membership. In
  the preferred embodiment...

File 347:JAPIO Dec 1976-2007/Feb(Updated 070806)
        (c) 2007 JPO & JAPIO
File 350:Derwent WPIX 1963-2007/UD=200749
        (c) 2007 The Thomson Corporation

```
Set     Items    Description
S1      1575     LOGOFF? OR LOGOUT? OR (LOG OR LOGS OR LOGGED OR LOGGING OR
                 SIGN OR SIGNS OR SIGNED OR SIGNING)(1W)(OFF OR OFFS OR OUT OR
                 OUTS)
S2      13084    OFFLINE OR OFF()LINE? ?
S3      22882    SESSION?
S4      2083     S3(5N)(END OR ENDS OR ENDED OR ENDING OR COMPLET??? OR TER-
                 MINAT? OR FINISH? OR CONCLUD? OR CONCLUS? OR DONE)
S5      375      S3(5N)(DISCONNECT? OR UNCONNECT? OR HALT??? OR STOP???? OR
                 CEAS??? OR CESSATION? OR DISCONTINU?)
S6      4493391  TIME OR TIMES OR MINUTE? ? OR INTERVAL? ? OR PERIOD? ? OR
                 DURATION? OR CLOCKTIME? OR TIMEFRAME? OR TIMESPAN?
S7      327825   S6(5N)(CALCULAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR CO-
                 MPUTED OR COMPUTING OR DETERMIN? OR DET? ? OR MEASUR??? OR ME-
                 ASUREMENT? OR ASSESS?)
S8      218446   S6(5N)(APPRAIS? OR ANALYS? OR ANALYZ? OR ANALYT? OR DERIV?-
                 ?? OR DERIVATION? OR EVALUAT? OR GENERAT???? OR QUANTIFY? OR -
                 QUANTIFIE? ? OR QUANTIFICATION?)
S9      1250     S6(5N)(COMPILE OR COMPILES OR COMPILED OR COMPILING)
S10     97968    S6(5N)(QUANTITATIVE? OR TABULAT? OR COUNTER? ? OR TOTAL????
                 OR CAPTUR??? OR ASCERTAIN? OR CUMULAT? OR ACCUMULAT? OR METE-
                 R? ? OR METRE?)
S11     49379    S6(5N)(COUNT? ? OR COUNTED OR COUNTING)
S12     2903     TIMEKEEP? OR S6()KEEP???
S13     2703026  CALL??? OR CONTACT??? OR PHONECALL? OR TELEPHONE? ? OR TEL-
                 EPHONING OR TELEPHONECALL? OR PHONE? ? OR PHONING
S14     107234   S13(5N)(USER? ? OR CUSTOMER? OR PERSON? ? OR INDIVIDUAL? ?
                 OR CONSUMER? ? OR PATRON? ? OR CLIENT? ? OR SUBSCRIBER? ? OR -
                 ENTITY OR NETIZEN? OR SURFER? ?)
S15     135534   S13(5N)(PARTICIPANT? ? OR MEMBER? ? OR AFFILIATE? ? OR PAR-
                 TY OR PARTIES OR CONSTITUENT? ? OR COMPUTERUSER?)
S16     410      (S1:S2 OR S4:S5)(20N)S7:S12
S17     16       S16 AND S14:S15
S18     231091   S6(5N)(KEEP??? OR STORAGE OR STORE? ? OR STORING OR MEMORY?
                 OR ACCRU??? OR AMASS??? OR RETAIN??? OR RETENTION? ?)
S19     122815   S6(5N)(COLLECT???? OR PRESERV??? OR PRESERVATION? ? OR WAR-
                 EHOUS? OR STOREHOUS? OR WARE()HOUS??? OR AMASS??? OR RECORD??-
                 ?)
S20     17018    S6(5N)(ACQUIR??? OR ACQUISITION? ?)
S21     337      (S1:S2 OR S4:S5)(20N)S18:S20
S22     11       S21 AND S14:S15
S23     8        S22 NOT S17
S24     81       (S1:S2 OR S4:S5)(20N)TIMER? ?
S25     3        S24 AND S14:S15
S26     2        S25 NOT (S17 OR S23)
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? t17/69,k/4,8,12

17/69,K/4   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0014187674 - Drawing available
WPI ACC NO: 2004-373066/200435
Related WPI Acc No: 2004-675384
XRPX Acc No: N2004-296655
Computer user on-line status notification method using instant messaging

Internet product, involves sending on-line message indicating on-line status of user, if member of group is on-line
Patent Assignee: SBC PROPERTIES LP   (SBCP-N)
Inventor: LIPTON M I
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6728754	B1	20040427	US 2000567838	A	20000509	200435	B

Priority Applications (no., kind, date): US 2000567838 A 20000509

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6728754	B1	EN	7	2	

   Alerting Abstract US B1
   NOVELTY - The method involves notifying an on-line status of a user to one or more members of a group. If a member of the group has enabled a telephone notification option and is off-line, a telephone message indicating the on-line status of the user is send to the member. If the member of the group is on-line, the on-line message indicating the on-line status of user is send to the member.
   DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

   1. computer readable medium storing computer user on-line status notification program; and

   2. server.

   USE - For notifying on-line status of computer user using instant messaging Internet product made available by American on-line and Microsoft corporation.
   ADVANTAGE - Notifies on-line status of computer user, reliably.
   DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the computer user on-line status notification procedure.

Title Terms/Index Terms/Additional Words: COMPUTER; USER; LINE; STATUS; NOTIFICATION; METHOD; INSTANT; MESSAGING; PRODUCT; SEND; MESSAGE; INDICATE; MEMBER; GROUP
Class Codes
International Classification (Main): G06F-015/16
US Classification, Issued: 709203000, 370352000, 379201010, 379090010, 713200000, 709318000, 709223000, 709224000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N02B2A; T01-S03

Original Publication Data by Authority

Original Abstracts:
...is off-line and has enabled a telephone notification option, a telephone message indicating the online status of the user is sent to the member. If the member of the group is online, an online...
Claims:
...a user;determining that a first member of a group associated with the user is off - line ; determine that a notification call limit has not been met   or exceeded in a   predetermined time   interval , wherein the notification call limit comprises a predetermined number of telephone calls to the first member ; placing a telephone   call to a first telephone number associated with the first member based on said determining   that the first member   is offline; andsending a message within the telephone   call , the message indicating the online status

of the user.

 17/69,K/8   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012361564 - Drawing available
WPI ACC NO: 2002-304203/200234
Related WPI Acc No: 2001-299745; 2001-299746; 2001-299747; 2001-327796;
   2001-464711; 2004-200641; 2004-281112; 2004-418323; 2004-649350;
   2005-496590; 2005-511675; 2006-077802; 2006-707588
XRPX ACC No: N2002-238032
Communication on-hold notifier to provide user of incoming call and
provide on-hold time period for preventing unnecessary interruption of
current communication session
Patent Assignee: CONEXANT SYSTEMS INC   (CONE-N)
Inventor: RAASCH C F
Patent Family (3 patents, 22 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2002017608	A1	20020228	WO 2000US27079	A	20000930	200234	B
TW 493336	A	20020701	TW 2000123997	A	20001113	200329	E
EP 1312198	A1	20030521	EP 2000965557	A	20000930	200334	E
			WO 2000US27079	A	20000930		

Priority Applications (no., kind, date): US 2000644806 A   20000823
Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002017608	A1	EN	52	6	

National Designated States,Original: CA JP
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
   IT LU MC NL PT SE

TW 493336	A	ZH			
EP 1312198	A1	EN			PCT Application WO 2000US27079

                                      Based on OPI patent   WO 2002017608
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
   IT LI LU MC NL PT SE

   Alerting Abstract WO A1
   NOVELTY - A countdown is started, the notification process may generate
an audible sound to inform the user that a previous communication session
has now been placed on hold, a warning sound is sent a determined   time
before the countdown ends, and a final indication is transmitted to the
user after connection termination . If the new communication session is
terminated , a quick reconnect process is initiated to reestablish the
session that had been placed on hold, and a data state is entered.
   DESCRIPTION - AN INDEPENDENT CLAIM is included for a communication
system.
   USE - Providing notification of an incoming call during a communication
session.
   ADVANTAGE - Preventing unintentional termination of communication
session.
   DESCRIPTION OF DRAWINGS - The drawing is a flow diagram of the procedure.

Title Terms/Index Terms/Additional Words: COMMUNICATE; HOLD; USER; INCOMING
   ; CALL; TIME; PERIOD; PREVENT; UNNECESSARY; INTERRUPT; CURRENT; SESSION

Class Codes
International Classification (Main): H04M-015/00
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   H04M-0003/428 A I   R 20060101
   H04M-0003/42   C I   R 20060101

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-J08C; W01-C02B2J; W01-C02B4A

Communication on-hold notifier to provide user of incoming call and provide on-hold time period for preventing unnecessary interruption of current communication session
    ...previous communication session has now been placed on hold, a warning sound is sent a determined time before the countdown ends, and a final indication is transmitted to the user after connection termination . If the new communication session is terminated , a quick reconnect process is initiated to reestablish the session that had been placed on...

   17/69,K/12   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010926110 - Drawing available
WPI ACC NO: 2001-548057/200161
Free communication service device and method according to internet use
Patent Assignee: EUN JIN ELECTRONICS CO LTD (EUNJ-N)
Inventor: KIM J S
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 2001027595	A	20010406	KR 199939399	A	19990914	200161	B

Priority Applications (no., kind, date): KR 199939399   A 19990914

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001027595	A	KO	1	10	

   Alerting Abstract KR A
   NOVELTY - A free communication service device and a method according to Internet use are provided to count an Internet using time when clicking an advertising program on a window screen of a computer, and to repay a telephone charge to users .
   DESCRIPTION - If a personal computer(100) clicks one of advertising programs displayed on a window, a corresponding advertising program of the Internet is connected. If user's history information is inputted in the personal computer(100), an Internet management server(106) counts a telephone using time. The Internet management server(106) transmits advertising information according to the corresponding advertising program to the personal computer(100), for servicing. If the personal computer(100) logs out for ending the advertising program service, the Internet management server(106) calculates a telephone using time to repay a telephone charge to a user by using the telephone using time, and accumulatively stores the telephone charge.

Title Terms/Index Terms/Additional Words: FREE; COMMUNICATE; SERVICE;
   DEVICE; METHOD; ACCORD

Class Codes
International Classification (Main): H04L-012/58

File Segment: EPI;
DWPI Class: W01
Manual Codes (EPI/S-X): W01-A03B; W01-A06G2
   Alerting Abstract ...clicking an advertising program on a window screen of a computer, and to repay a telephone charge to users . ...

corresponding advertising program to the personal computer(100), for
servicing. If the personal computer(100) logs out for ending the
advertising program service, the Internet management server(106)
calculates a telephone using time to repay a telephone charge to a
user by using the telephone using time, and accumulatively stores the
telephone charge.
? t26/69,k/2

 26/69,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0014912841 - Drawing available
WPI ACC NO: 2005-260509/200527
XRPX ACC No: N2005-213829
Mobile subscriber unit e.g. mobile phone , over-the-air programming
method for CDMA network, involves terminating over-the-air call using call
terminator when end session detector senses end of over-the-air programming
session
Patent Assignee: KYOCERA WIRELESS CORP (KYOC); SANDING A (SAND-I)
Inventor: SANDING A
Patent Family (5 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050054336	A1	20050310	US 2003657476	A	20030908	200527	B
WO 2005026955	A2	20050324	WO 2004US28704	A	20040902	200527	E
EP 1665848	A2	20060607	EP 2004783066	A	20040902	200638	E
			WO 2004US28704	A	20040902		
JP 2007505522	W	20070308	WO 2004US28704	A	20040902	200720	E
			JP 2006525466	A	20040902		
KR 2006121859	A	20061129	WO 2004US28704	A	20040902	200735	E
			KR 2006704444	A	20060303		

Priority Applications (no., kind, date): US 2003657476 A 20030908

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050054336	A1	EN	9	4	
WO 2005026955	A2	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
    BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
    HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
    MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
    TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
    FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI
    SK SL SZ TR TZ UG ZM ZW

| EP 1665848 | A2 | EN | | | PCT Application WO 2004US28704 |
| | | | | | Based on OPI patent   WO 2005026955 |

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR
    GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

JP 2007505522	W	JA	14		PCT Application WO 2004US28704
					Based on OPI patent WO 2005026955
KR 2006121859	A	KO			PCT Application WO 2004US28704
					Based on OPI patent WO 2005026955

    Alerting Abstract US A1
    NOVELTY - The method involves configuring a timer to time-out after a
time period. An end session detector senses the end of an
over-the-air (OTA) programming session when the timer has timed out
without receiving an OTA message. An OTA call is terminated by a call
terminator when the end session detector senses that the session has
ended . An evaluator detects a condition associated with a failed OTA call
release.
    DESCRIPTION - An INDEPENDENT CLAIM is also included for a wireless

communication system.
  USE - Used in a CDMA network for over-the-air (OTA) programming of a
mobile subscriber unit e.g. mobile phone , wireless enabled personal
digital assistant, laptop and handheld device.
  ADVANTAGE - The OTA call is terminated when the end session detector
senses that the over-the-air (OTA) programming session has ended, thus
providing a proper termination of the call . The subscriber therefore
will not miss his incoming calls. The draining of battery power caused due
to the improper termination is also avoided.
  DESCRIPTION OF DRAWINGS - The drawing shows a flow chart illustrating an
over-the-air (OTA) programming session.
Title Terms/Index Terms/Additional Words: MOBILE; SUBSCRIBER; UNIT;
  TELEPHONE; AIR; PROGRAM; METHOD; CDMA; NETWORK; TERMINATE; CALL; END;
  SESSION; DETECT; SENSE

Class Codes
International Classification (Main): H04M-003/00
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  H04M-0001/00 A I L B 20060101
  H04M-0003/42 A I L B 20060101
  H04Q-0007/32 A I   R 20060101
  H04Q-0007/38 A I F B 20060101
  H04Q-0007/38 A I L B 19950101
  H04Q-0007/38 A I   R 20060101
  H04Q-0007/32 A I F B 20060101
  H04M-0001/00 C I L B 20060101
  H04M-0003/42 C I L B 20060101
  H04Q-0007/32 C I   R 20060101
  H04Q-0007/38 C I F B 20060101
  H04Q-0007/38 C I   R 20060101
  H04Q-0007/32 C I   B 20060101
  H04Q-0007/38 C I   B 20060101
US Classification, Issued: 455419000, 455418000

File Segment: EPI;
DWPI Class: W01
Manual Codes (EPI/S-X): W01-B05A1A; W01-C05B2

Mobile subscriber unit e.g. mobile phone , over-the-air programming
method for CDMA network, involves terminating over-the-air call using...

  Alerting Abstract ...NOVELTY - The method involves configuring a timer
to time-out after a time period. An end session detector senses the
end of an over-the-air (OTA) programming session when the timer has
timed out without receiving an OTA message. An OTA call is terminated by a
call terminator when the end session detector senses that the
session has ended . An evaluator detects a condition associated with a
failed OTA call release....USE - Used in a CDMA network for over-the-air
(OTA) programming of a mobile subscriber unit e.g. mobile phone ,
wireless enabled personal digital assistant, laptop and handheld device...

...over-the-air (OTA) programming session has ended, thus providing a
proper termination of the call . The subscriber therefore will not miss
his incoming calls. The draining of battery power caused due to...

Original Publication Data by Authority

Original Abstracts:
Embodiments of this invention supplement the termination process having the
mobile subscriber unit to terminate the call upon completion of an OTA
programming session. In one embodiment, the termination is initiated by...

...Embodiments of this invention supplement the termination process having
the mobile subscriber unit to terminate the call upon completion of an
OTA programming session. In one embodiment, the termination is initiated by
...

Set	Items	Description
S1	1480	LOGOFF? OR LOGOUT? OR (LOG OR LOGS OR LOGGED OR LOGGING OR SIGN OR SIGNS OR SIGNED OR SIGNING)(1W)(OFF OR OFFS OR OUT OR OUTS)
S2	67735	OFFLINE OR OFF()LINE? ?
S3	181634	SESSION?
S4	9345	S3(5N)(END OR ENDS OR ENDED OR ENDING OR COMPLET??? OR TERMINAT? OR FINISH? OR CONCLUD? OR CONCLUS? OR DONE)
S5	421	S3(5N)(DISCONNECT? OR UNCONNECT? OR HALT??? OR STOP???? OR CEAS??? OR CESSATION? OR DISCONTINU?)
S6	10285249	TIME OR TIMES OR MINUTE? ? OR INTERVAL? ? OR PERIOD? ? OR DURATION? OR CLOCKTIME? OR TIMEFRAME? OR TIMESPAN?
S7	1014300	S6(5N)(CALCULAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN? OR DET? ? OR MEASUR??? OR MEASUREMENT? OR ASSESS?)
S8	799020	S6(5N)(APPRAIS? OR ANALYS? OR ANALYZ? OR ANALYT? OR DERIV??? OR DERIVATION? OR EVALUAT? OR GENERAT???? OR QUANTIFY? OR QUANTIFIE? ? OR QUANTIFICATION?)
S9	9321	S6(5N)(COMPILE OR COMPILES OR COMPILED OR COMPILING)
S10	232966	S6(5N)(QUANTITATIVE? OR TABULAT? OR COUNTER? ? OR TOTAL???? OR CAPTUR??? OR ASCERTAIN? OR CUMULAT? OR ACCUMULAT? OR METER? ? OR METRE?)
S11	209461	S6(5N)(COUNT? ? OR COUNTED OR COUNTING OR DETERMIN???)
S12	1182	TIMEKEEP?
S13	177467	S6(5N)(KEEP??? OR STORAGE OR STORE? ? OR STORING OR MEMORY? OR ACCRU??? OR AMASS??? OR RETAIN??? OR RETENTION? ?)
S14	179765	S6(5N)(COLLECT???? OR PRESERV??? OR PRESERVATION? ? OR WAREHOUS? OR STOREHOUS? OR WARE()HOUS??? OR AMASS??? OR RECORD????)
S15	55782	S6(5N)(ACQUIR??? OR ACQUISITION? ? OR KEPT)
S16	2600674	CALL??? OR CONTACT??? OR PHONECALL? OR TELEPHONE? ? OR TELEPHONING OR TELEPHONECALL? OR PHONE? ? OR PHONING
S17	66696	S16(5N)(USER? ? OR CUSTOMER? OR PERSON? ? OR INDIVIDUAL? ?

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              OR CONSUMER? ? OR PATRON? ? OR CLIENT? ? OR SUBSCRIBER? ? OR -
              ENTITY OR NETIZEN? OR SURFER? ?)
S18    12367  S16(5N)(PARTICIPANT? ? OR MEMBER? ? OR AFFILIATE? ? OR PAR-
              TY OR PARTIES OR CONSTITUENT? ? OR COMPUTERUSER?)
S19     3650  (S1:S2 OR S4:S5)(20N)(S7:S15 OR TIMER? ?)
S20       12  S19 AND S17:S18
S21        4  S20/2002:2007
S22        8  S20 NOT S21
S23        5  RD  (unique items)
S24      109  AU=(CONTRACTOR S? OR CONTRACTER S? OR CONTRACTOR, S? OR CO-
              NTRACTER, S?)
S25        0  S24 AND (S1:S2 OR S4:S5)
```

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File 696:DIALOG Telecom. Newsletters 1995-2007/Aug 06
         (c) 2007 Dialog
File   9:Business & Industry(R) Jul/1994-2007/Aug 01
         (c) 2007   The Gale Group
File  13:BAMP 2007/Jul W5
         (c) 2007   The Gale Group
File  15:ABI/Inform(R) 1971-2007/Aug 06
         (c) 2007 ProQuest Info&Learning
File 141:Readers Guide 1983-2007/Jun
         (c) 2007 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2007/Jul W5
         (c) 2007 ProQuest
File 553:Wilson Bus. Abs. 1982-2007/Aug
         (c) 2007 The HW Wilson Co
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2007/Aug 07
         (c) 2007 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2007/Aug 07
         (c) 2007 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2007/Aug 07
         (c) 2007 Business Wire.
File 369:New Scientist 1994-2007/Jul W4
         (c) 2007 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File  16:Gale Group PROMT(R) 1990-2007/Aug 06
         (c) 2007 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2007/Jul 24
         (c) 2007 The Gale group
File  88:Gale Group Business A.R.T.S. 1976-2007/Jul 31
         (c) 2007 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Aug 02
         (c)2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Jul 24
         (c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Aug 02
         (c) 2007 The Gale Group
File 624:McGraw-Hill Publications 1985-2007/Aug 07
         (c) 2007 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2007/Aug 03
         (c) 2007 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2007/Aug 03
         (c) 2007 The Gale Group
File 647:CMP  Computer Fulltext 1988-2007/Sep W2
         (c) 2007 CMP Media, LLC
File 674:Computer News Fulltext 1989-2006/Sep W1
         (c) 2006 IDG Communications

Set     Items    Description
S1      96961    LOGOFF? OR LOGOUT? OR (LOG OR LOGS OR LOGGED OR LOGGING OR
                 SIGN OR SIGNS OR SIGNED OR SIGNING)(1W)(OFF OR OFFS OR OUT OR
                 OUTS)
S2      283752   OFFLINE OR OFF()LINE? ?
S3      1574863  SESSION?
S4      100845   S3(5N)(END OR ENDS OR ENDED OR ENDING OR COMPLET??? OR TER-
                 MINAT? OR FINISH? OR CONCLUD? OR CONCLUS? OR DONE)
S5      4863     S3(5N)(DISCONNECT? OR UNCONNECT? OR HALT??? OR STOP???? OR
                 CEAS??? OR CESSATION? OR DISCONTINU?)
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S6    26139929    TIME OR TIMES OR MINUTE? ? OR INTERVAL? ? OR PERIOD? ? OR -
                  DURATION? OR CLOCKTIME? OR TIMEFRAME? OR TIMESPAN?
S7      654967    S6(5N)(CALCULAT? OR COMPUTAT? OR COMPUTE OR COMPUTES OR CO-
                  MPUTED OR COMPUTING OR DETERMIN? OR DET? ? OR MEASUR??? OR ME-
                  ASUREMENT? OR ASSESS?)
S8      770286    S6(5N)(APPRAIS? OR ANALYS? OR ANALYZ? OR ANALYT? OR DERIV?-
                  ?? OR DERIVATION? OR EVALUAT? OR GENERAT???? OR QUANTIFY? OR -
                  QUANTIFIE? ? OR QUANTIFICATION?)
S9       20351    S6(5N)(COMPILE OR COMPILES OR COMPILED OR COMPILING)
S10     663152    S6(5N)(QUANTITATIVE? OR TABULAT? OR COUNTER? ? OR TOTAL????
                  OR CAPTUR??? OR ASCERTAIN? OR CUMULAT? OR ACCUMULAT? OR METE-
                  R? ? OR METRE?)
S11     281350    S6(5N)(COUNT? ? OR COUNTED OR COUNTING OR DETERMIN???)
S12      10802    TIMEKEEP?
S13     685832    S6(5N)(KEEP??? OR STORAGE OR STORE? ? OR STORING OR MEMORY?
                  OR ACCRU??? OR AMASS??? OR RETAIN??? OR RETENTION? ?)
S14     640903    S6(5N)(COLLECT???? OR PRESERV??? OR PRESERVATION? ? OR WAR-
                  EHOUS? OR STOREHOUS? OR WARE()HOUS??? OR AMASS??? OR RECORD??-
                  ?)
S15     278721    S6(5N)(ACQUIR??? OR ACQUISITION? ? OR KEPT)
S16   28534552    CALL??? OR CONTACT??? OR PHONECALL? OR TELEPHONE? ? OR TEL-
                  EPHONING OR TELEPHONECALL? OR PHONE? ? OR PHONING
S17    1953022    S16(5N)(USER? ? OR CUSTOMER? OR PERSON? ? OR INDIVIDUAL? ?
                  OR CONSUMER? ? OR PATRON? ? OR CLIENT? ? OR SUBSCRIBER? ? OR -
                  ENTITY OR NETIZEN? OR SURFER? ?)
S18     553339    S16(5N)(PARTICIPANT? ? OR MEMBER? ? OR AFFILIATE? ? OR PAR-
                  TY OR PARTIES OR CONSTITUENT? ? OR COMPUTERUSER?)
S19       6487    (S1:S2 OR S4:S5)(20N)(S7:S15 OR TIMER? ?)
S20        289    S19(100N)S17:S18
S21        169    S20/2002:2007
S22        120    S20 NOT S21
S23         73    RD  (unique items)
S24          0    AU=(CONTRACTOR S? OR CONTRACTER S? OR CONTRACTOR, S? OR CO-
                  NTRACTER, S?)
? t23/3,k/7,25,34-35,62
```

23/3,K/7   (Item 4 from file: 13)

00683976   Supplier Number: 25496227 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Canada: Creating a Secure and Enforceable Transaction: Electronic
    Contracting and Digital Signatures: Part 3 of 3 parts SO(Davies, Ward
    & Beck, Canada) SO**
(Some ways to manage online risk/liability include the form of electronic
    contract and digital signature; discusses legislation)
Article Author(s): Corley, Richard F D; Green, Darryl
Mondaq Business Briefing, p N/A
November 10, 1999
DOCUMENT TYPE: Report
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3715

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...require the use of specific processes and technologies that protect the
integrity of the electronic records .

For intermittent, but significant, one- time purchases, offline
verification techniques, such as confirmation by telephone or fax, may be
used to provide additional...

...higher transaction cost. Examples of offline verification include a

computer retailer that has a salesperson call the customer after the
electronic order has been submitted and a clothing retailer that requires
that a...

   23/3,K/25   (Item 2 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2007 PR Newswire Association Inc. All rts. reserv.

·00679445 20011120NETU014 (USE FORMAT 7 FOR FULLTEXT)
Xchange(TM) Partners with Oculos to Boost Growth
PR Newswire
Tuesday, November 20, 2001 11:18 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 561

...companies require to extract more value from their existing
CRM investments by synchronizing online and offline multi-channel
customer
campaigns that are integrated with call centers and all other customer
touch-
points in real- time . This smarter, analytical approach to each customer
interaction delivers strategic customer insight and profits. For more
information on...

   23/3,K/34   (Item 11 from file: 613)
DIALOG(R)File 613:PR Newswire
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00368623 20000710NYM030 (USE FORMAT 7 FOR FULLTEXT)
Beyond Interactive Launches 'Click to Call' Radicalmail Campaign to Promote
'Heavy Metal 2000' Movie on Starz!
PR Newswire
Monday, July 10, 2000 08:30 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 394

TEXT:
...on the email so
recipients could "click and call" and order STARZ! without having to log
off
their computer. People also have the option to determine a time for
STARZ!
 customer service to call them back to place the order.

   23/3,K/35   (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

2201005 83126225
Xchange Strengthens Senior Management Team With New Sales Leadership
Anonymous
PR Newswire p1
Oct 4, 2001
WORD COUNT: 717
DATELINE: Boston Massachusetts

TEXT:

    ...companies require to extract more value from their existing CRM

investments by synchronizing online and **offline** multi-channel **customer**
campaigns that are integrated with **call** centers and all other **customer**
touch- points in real- time . This smarter, **analytical** approach to each
customer interaction delivers strategic customer insight and profits. For
more information on...

23/3,K/62   (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

04634060   SUPPLIER NUMBER: 08127378   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Choose the right weapon. (data security systems)
Jesitus, John
Communications News, v27, n1, p32(1)
Jan, 1990
ISSN: 0010-3632   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 971   LINE COUNT: 00074

...   share inbound and outbound traffic. Since then Microsoft has
expanded to 48 modems.
     When a **user**   **calls** in for a modem, Linelock asks for his ID,
password, and what resource he wants...

...host, for example, over a campus-wide Ethernet running at 10 Mb/s.
Linelock also **records** log-in and **log - out** **times** , and what device the
user accessed.
     "With Linelock," Post says, "you don't need modems...